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Dubois et al.

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(54) **PROPULSION THRUST TEST SYSTEM**

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73/862.49, 862, 862.393; 244/12.1, 12.6;  
440/38, 41, 6; 405/209; 114/263

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(57) **ABSTRACT**

A system is provided for testing a propulsor having a first end that can attach to a payload and a second end at which thrust is generated. A bulkhead is sealed to the first end of the propulsor. The bulkhead with the propulsor coupled thereto is suspended vertically by a support that is placed in tension when thrust is generated at the second end of the propulsor. A load cell coupled to the support measures tension therein as a measure of thrust.

11 Claims, 2 Drawing Sheets

